

FIG. 1 is a block diagram of a packet switch system. The system includes a packet switch 83, a transmitting apparatus 81, and a receiving apparatus 82. The transmitting apparatus 81 is connected to the packet switch 83, and the packet switch 83 is connected to the receiving apparatus 82. The transmitting apparatus 81 is labeled "NTD 1" and the receiving apparatus 82 is labeled "NTD 2".

FIG.1 PRIOR ART

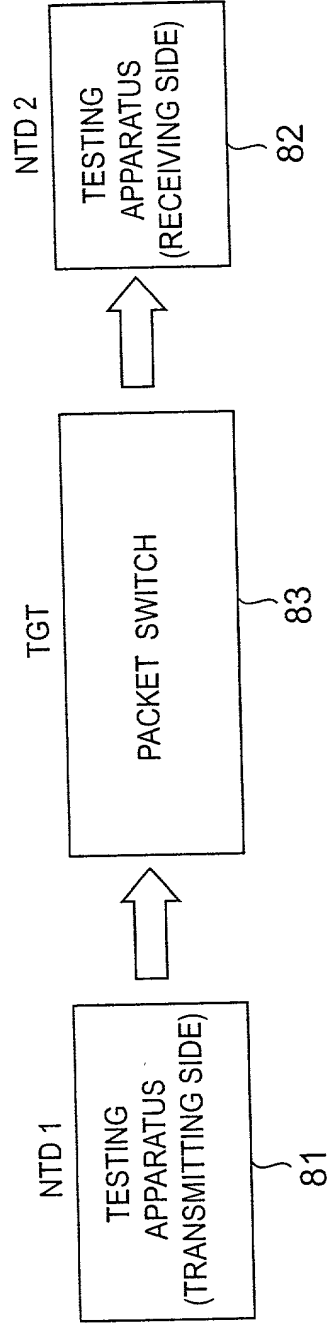
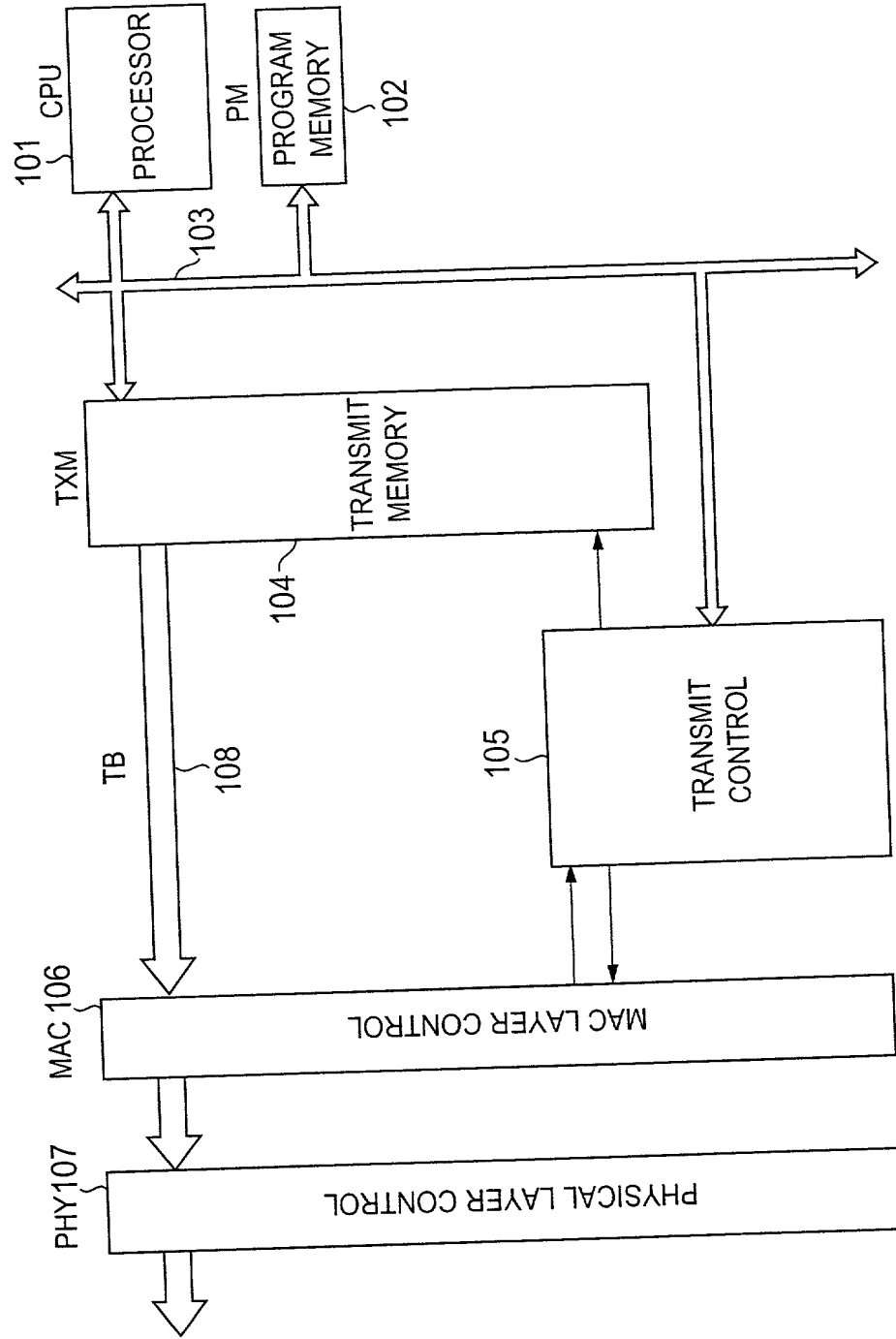


FIG.2 PRIOR ART



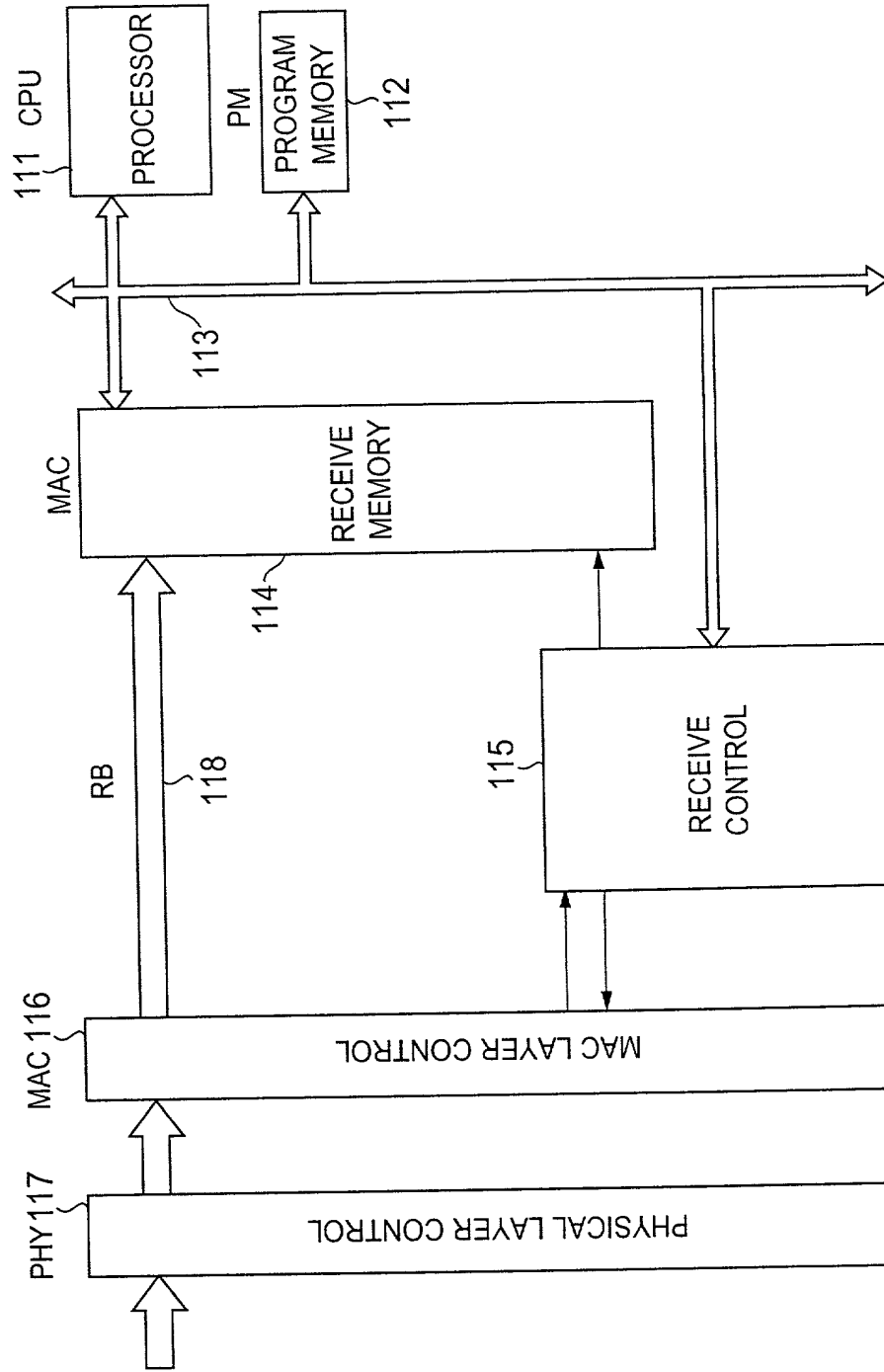


FIG.4

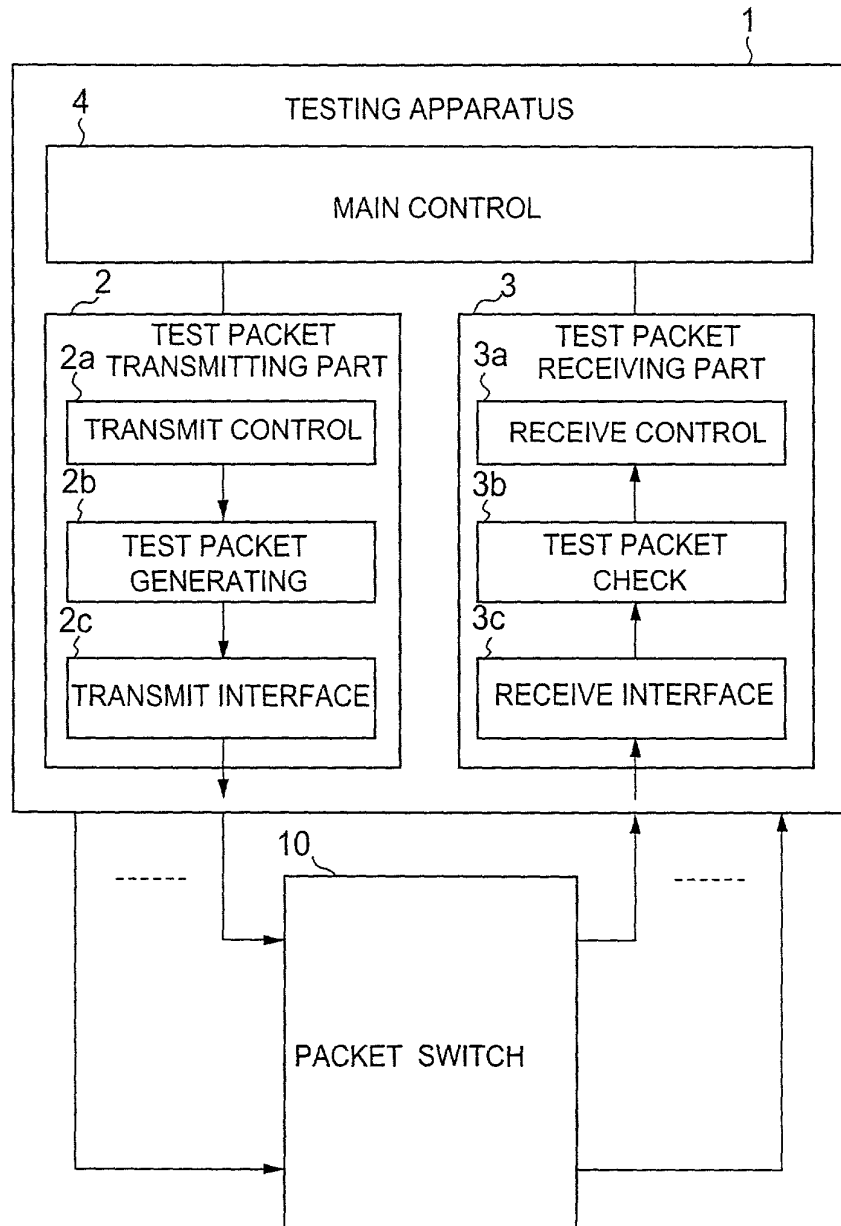


FIG.5

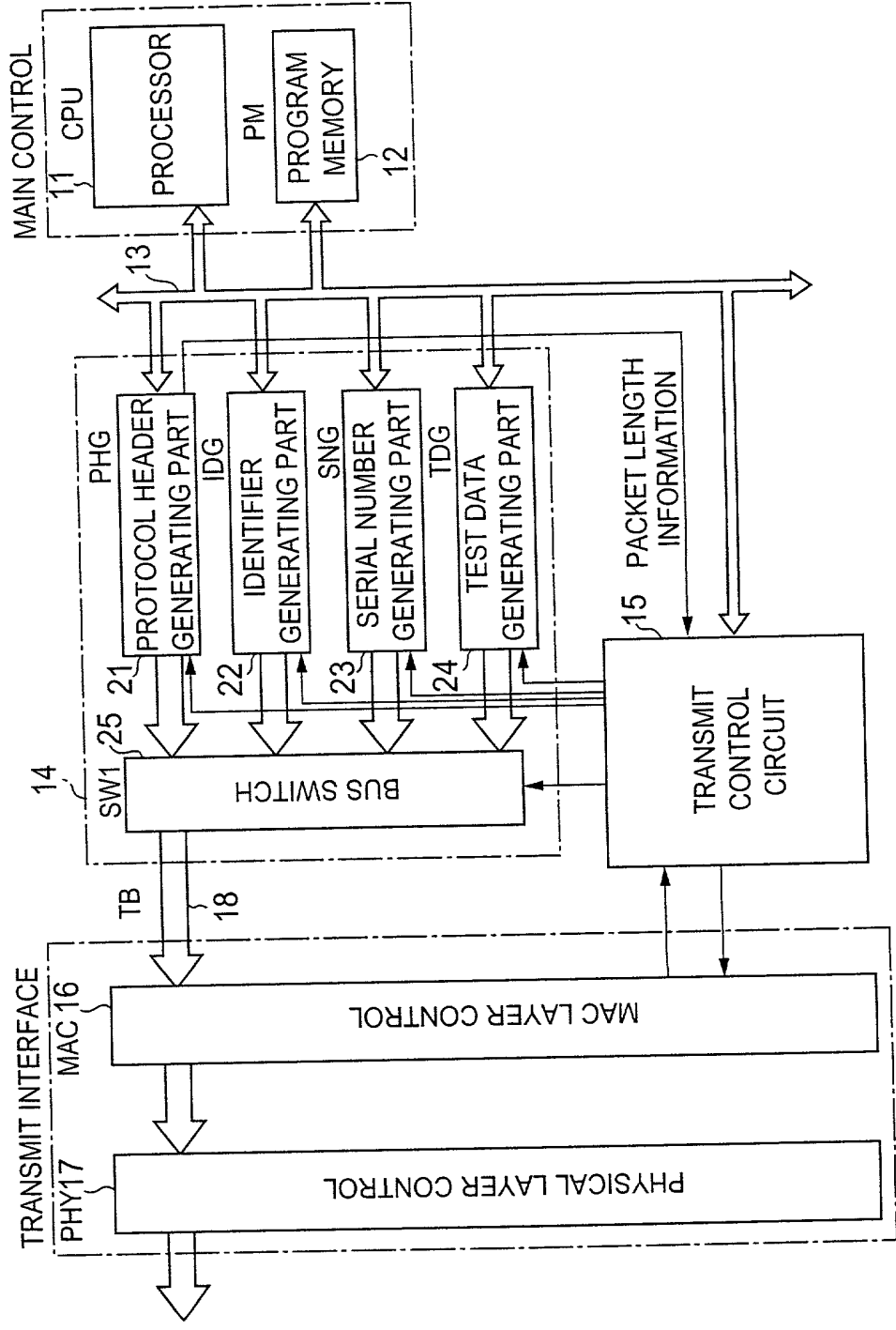


FIG.6A

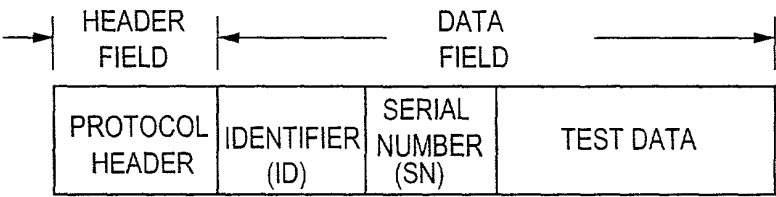


FIG.6B

DESTINATION MAC ADDRESS (48)			
		SOURCE MAC ADDRESS (48)	
TYPE VALUE (16)		VERSION (4)	HEADER LENGTH (4)
		TYPE OF SERVICE (8)	
TOTAL LENGTH (16)		FLAGMENT ID (16)	
FLAG (3)	FLAGMENT OFFSET (13)	TIME TO LIVE (8)	UPPER PROTOCOL TYPE (8)
IP HEADER CHECKSUM (16)		SOURCE IP ADDRESS(UPPER) (16)	
DESTINATION IP ADDRESS(LOWER) (16)		DESTINATION IP ADDRESS(UPPER) (16)	
SOURCE IP ADDRESS(LOWER) (16)			

FIG.7

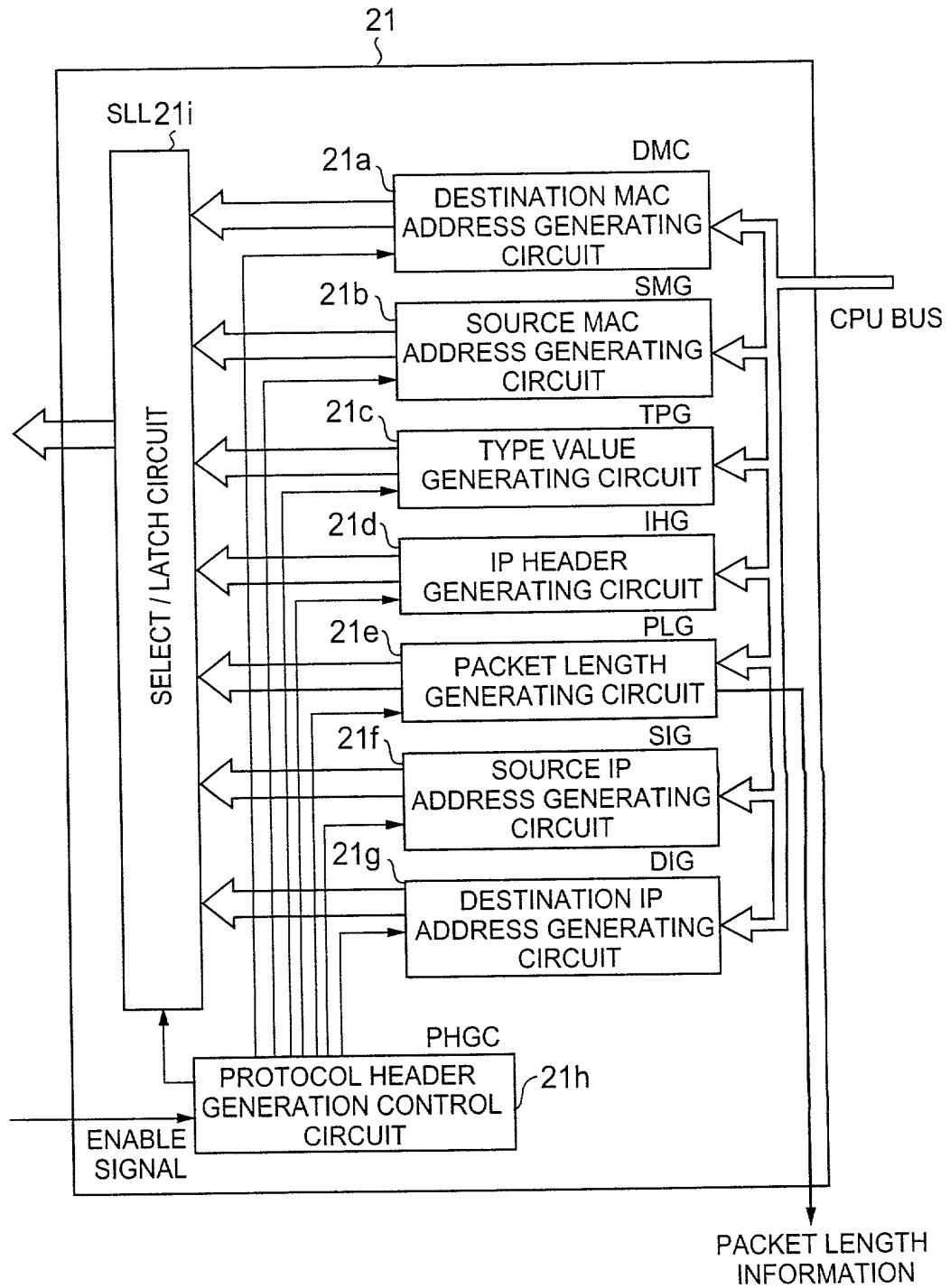


FIG.8

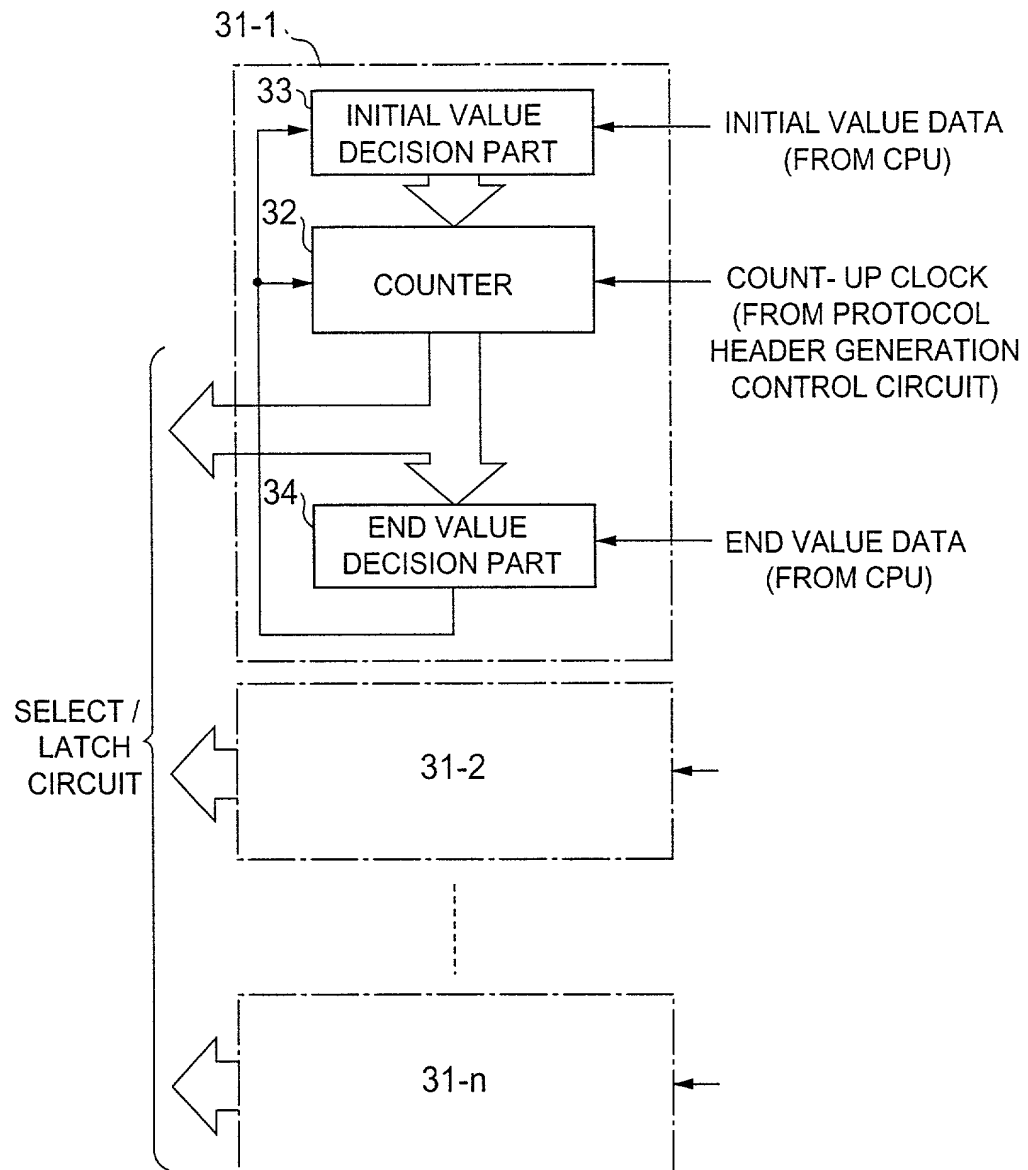
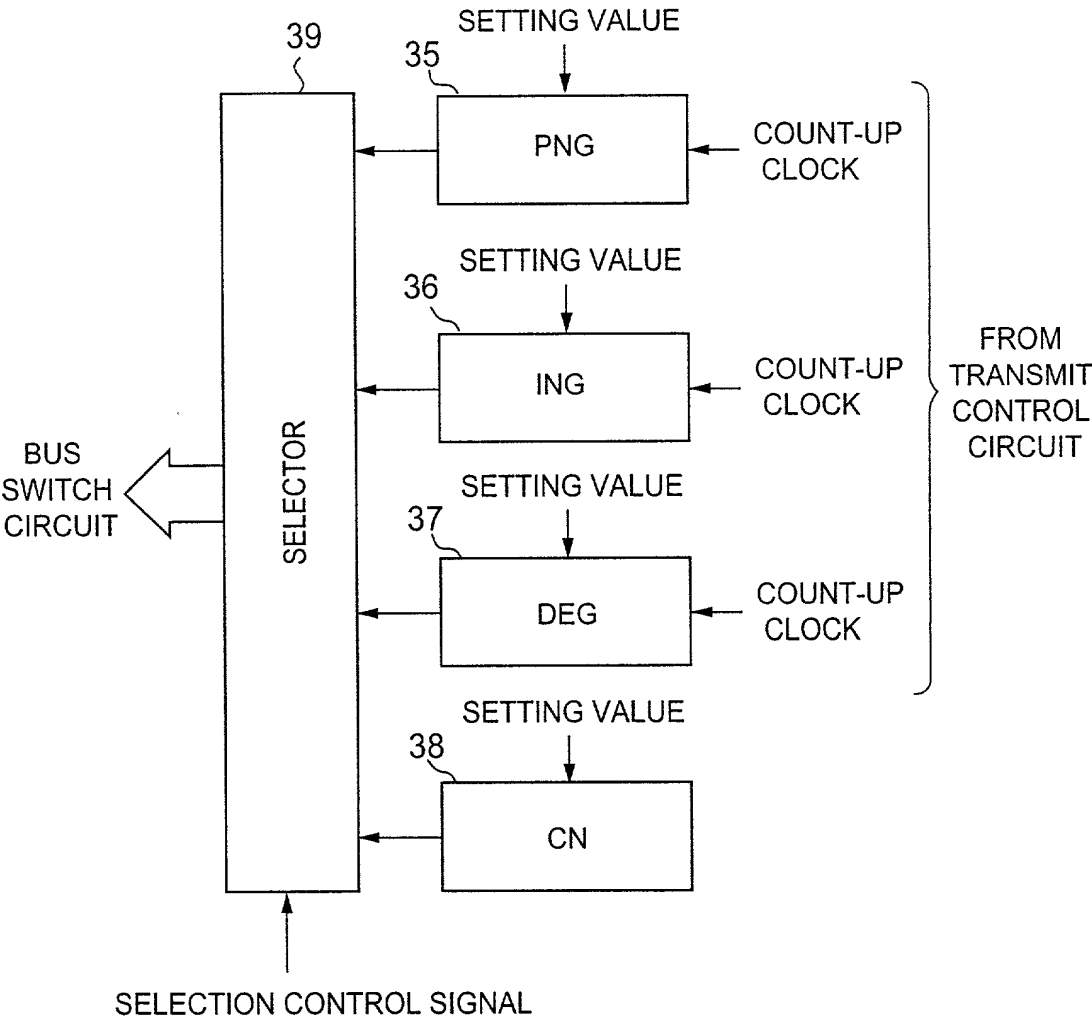


FIG.9



Year	Country	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)
1950	India	360.0	100.0	27.8	170	1,000
1955	India	375.0	110.0	29.3	180	1,100
1960	India	390.0	120.0	30.8	190	1,200
1965	India	405.0	130.0	32.1	200	1,300
1970	India	420.0	140.0	33.3	210	1,400
1975	India	435.0	150.0	34.5	220	1,500
1980	India	450.0	160.0	35.6	230	1,600
1985	India	465.0	170.0	36.6	240	1,700
1990	India	480.0	180.0	37.5	250	1,800
1995	India	495.0	190.0	38.6	260	1,900
2000	India	510.0	200.0	39.2	270	2,000
2005	India	525.0	210.0	40.0	280	2,100
2010	India	540.0	220.0	40.7	290	2,200
2015	India	555.0	230.0	41.4	300	2,300
2020	India	570.0	240.0	42.1	310	2,400
2025	India	585.0	250.0	42.7	320	2,500
2030	India	600.0	260.0	43.3	330	2,600
2035	India	615.0	270.0	43.9	340	2,700
2040	India	630.0	280.0	44.4	350	2,800
2045	India	645.0	290.0	45.0	360	2,900
2050	India	660.0	300.0	45.5	370	3,000
2055	India	675.0	310.0	46.1	380	3,100
2060	India	690.0	320.0	46.4	390	3,200
2065	India	705.0	330.0	46.8	400	3,300
2070	India	720.0	340.0	47.2	410	3,400
2075	India	735.0	350.0	47.6	420	3,500
2080	India	750.0	360.0	48.0	430	3,600
2085	India	765.0	370.0	48.4	440	3,700
2090	India	780.0	380.0	48.8	450	3,800
2095	India	795.0	390.0	49.2	460	3,900
2100	India	810.0	400.0	49.4	470	4,000

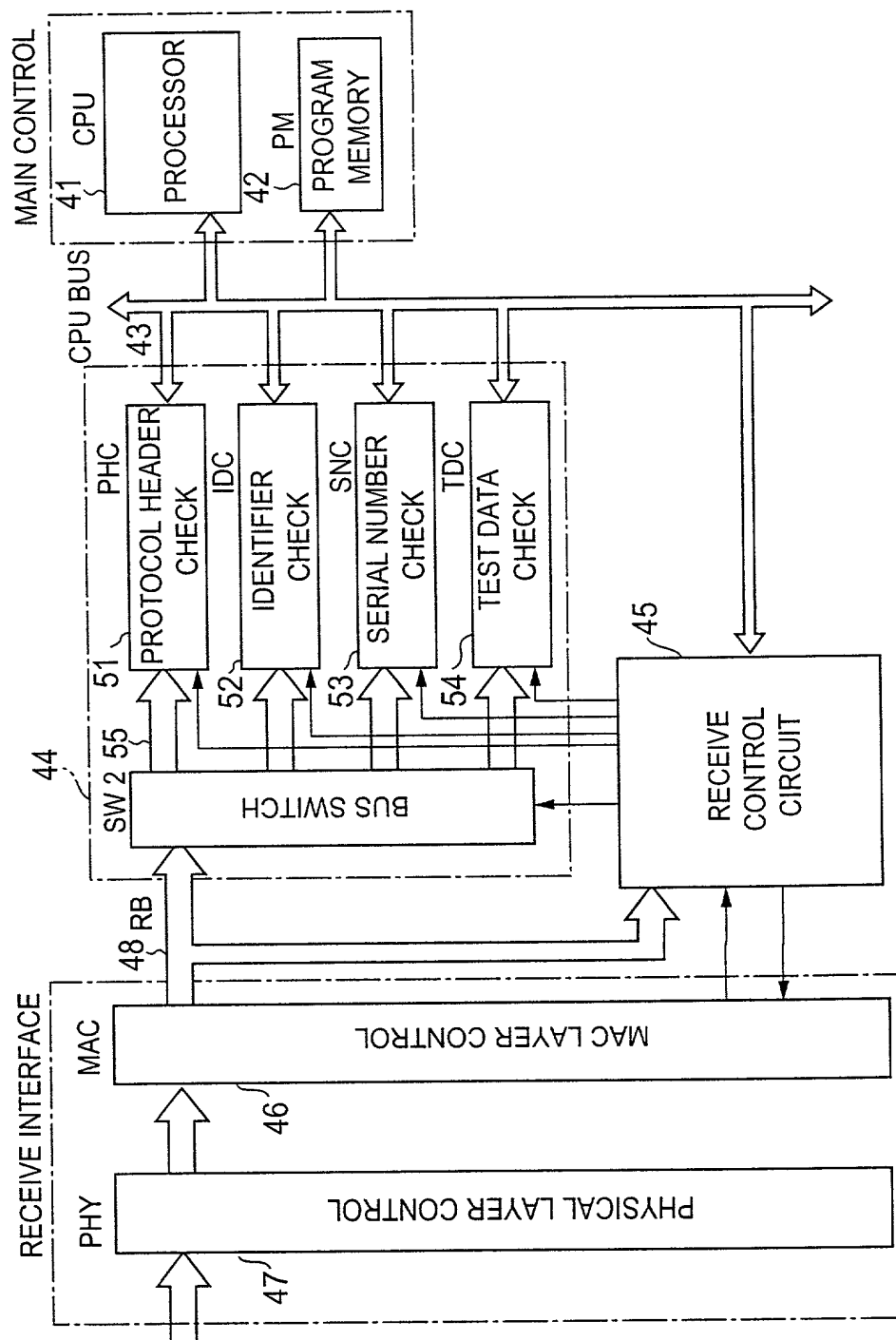


FIG.11

